

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **57104312 A**(43) Date of publication of application: **29.06.82**

(51) Int. Cl.

**H03G 3/24**  
**G11B 31/00**  
**H03G 3/32**

(21) Application number: **55180887**(22) Date of filing: **19.12.80**(71) Applicant: **SONY CORP**(72) Inventor: **YOTSUMOTO TETSUO****(54) CONTROL DEVICE FOR SOUND VOLUME OF ACOUSTIC DEVICE**

volume of the television receiver is not controlled.

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**(57) Abstract:**

**PURPOSE:** To release the user from troublesomeness of the operation of a knob for adjustment of the sound volume without interfering with the telephone service, by adjusting the sound volume by the output signal of a bell sound detecting means which detects the sound of the receiving bell of a telephone set.

**CONSTITUTION:** When the bell of a telephone set rings, its sound is supplied to a microphone 6, and the output signal is supplied to one input terminal of a differential amplifying circuit 10 through a band pass filter 7, an amplifying circuit 8, and a rectifying circuit 9, and a flip flop 14 is set by the signal obtained in the output terminal of the circuit 10, and a sound volume control circuit 3 is controlled to make small the sound volume. If a signal of the same frequency as the bell exists in the sound signal, this signal is supplied to the other input terminal of the differential amplifying circuit 10 through a band pass filter 11, an amplifying circuit 12, and a rectifying circuit 13; and thus, even if this frequency signal is supplied to the microphone 6 from a speaker 5, the sound

